



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
2 NAVY ANNEX
WASHINGTON, DC 20380-1775

MCO 4000.57
LPC-2
16 Sep 05

MARINE CORPS ORDER 4000.57

From: Commandant of the Marine Corps
To: Distribution List

Subj: MARINE CORPS TOTAL LIFE CYCLE MANAGEMENT (TLCM)

Ref: (a) SECNAVINST 5400.15A
(b) MCO 4000.58
(c) MCO 5000.19
(d) DoD 5000.1, "The Defense Acquisition System," May 12, 2003
(e) SECNAVINST 5000.2C
(f) SECNAVINST 4105.1A
(g) SECNAVINST 5420-188E
(h) DoDD 4151.18, "Maintenance of Military Materiel," March 31, 2004

Encl: (1) Definitions
(2) Total Life Cycle Management (TLCM) Roles and Responsibilities Matrix
(3) Command Relationship Hierarchy

1. Situation. Reference (a) outlines the roles and responsibilities of Department of the Navy (DON) organizations in research, development, acquisition and associated life-cycle management activities. This Marine Corps Order outlines the Commandant of the Marine Corps (CMC) directed changes in merging the Marine Corps Logistics Bases and the Headquarters element of Marine Corps Material Command to create a Marine Corps Logistics Command (MARCORLOGCOM). The changes made within the Marine Corps are embodied in the concept of Total Life Cycle Management (TLCM), which has two components, enterprise level TLCM and program level TLCM. The definitions applicable to this Order appear in enclosure (1). The supported/supporting relationships are identified in enclosure (2). The command relationships are depicted in enclosure (3).

2. Cancellation. MCO 5000.25.

3. Mission. To provide policy to the Deputy Commandant, Installations and Logistics (DC, I&L), the Commanding General, Marine Corps Systems Command (CG MARCORSYSCOM) and the Commanding General, Marine Corps Logistics Command (CG MARCORLOGCOM) with regard to organizational relationships and responsibilities for TLCM.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. The responsibilities and relationships between DC I&L, MARCORLOGCOM and the MARCORSYSCOM will align TLCM responsibilities consistent with current Department of Defense (DoD)/DON research, development, acquisition and associated life-cycle management policies. Enclosure (2) describes the alignment of TLCM roles and responsibilities. References (b) and (c) provide amplification and organizational realignments.

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(2) Concept of Operations

(a) The DC, I&L shall serve as the principal advisor to the CMC on matters related to enterprise level TLMC and is responsible for publishing service logistics policy. The DC, I&L shall serve as the senior logistician of the Marine Corps and will represent the CMC to DON/DoD and the legislative branch. This includes supporting, in accordance with reference (a), the Assistant, Secretary of the Navy, Research, Development, and Acquisition (ASN(RDA)) on matters related to logistics policy and in-service support. The DC, I&L also shall serve as the combat service support element (CSSE) advocate and the logistics advocate for the supporting establishment.

(b) CG MARCORLOGCOM acts as the end-to-end logistics chain manager for the Marine Corps with a logistics chain team instituted to provide a seamless worldwide supply chain and distribution network complete with depot level maintenance and strategic prepositioning capabilities. The CG MARCORLOGCOM is an enabling commander for influencing materiel readiness within the operating forces and for the program level TLMC of Marine Corps ground equipment, information technology including the National Security System, and ground weapon systems. MARCORLOGCOM supports MARCORSYSCOM on program level TLMC matters while reporting to the DC, I&L for oversight and enterprise level TLMC guidance. CG MARCORLOGCOM reports directly to DC I&L for Marine Corps materiel readiness and sustainment.

(c) CG MARCORSYSCOM acquires ground weapons systems, equipment, and information technology including National Security System for the Marine Corps in accordance with references (a), (d), and (e). CG MARCORSYSCOM acts as the Milestone Decision Authority (MDA) for those acquisition programs where such authority has been re-delegated by ASN(RDA). MARCORSYSCOM program managers (PM) are the single point of accountability for timely and effective acquisition and sustainment of weapons systems, equipment, and information technology including National Security System throughout the life cycle. MARCORSYSCOM PM for Ammunition executes the program management functions of effective acquisition and sustainment throughout the munitions life cycle, as well as those functions normally assigned to MARCORLOGCOM in paragraph 4a(2)(b). The CG MARCORSYSCOM is an enabling commander for optimizing materiel readiness, reducing the logistical footprint, minimizing total ownership costs of the operational forces and for program level TLMC of Marine Corps ground equipment, information technology including National Security System and ground weapon systems. CG MARCORSYSCOM reports directly to ASN(RDA) for acquisition matters and to CMC (Assistant CMC (ACMC)) for program level TLMC and the execution of non-development, non-acquisition logistics and operating forces support responsibilities. MARCORSYSCOM is an Echelon 2 activity reporting to CMC. CG MARCORSYSCOM, as the principal advisor to ASN(RDA) on acquisition and program level TLMC, coordinates with the DC, I&L, to ensure alignment with USMC enterprise level TLMC.

b. Subordinate Element Mission

(1) DC, I&L shall:

(a) Perform all duties assigned in references (a) and (d) through (g).

(b) Serve as the lead for enterprise level TLMC, (e.g. Performance Based Logistics and Condition Based Maintenance Plus (CBM+)). Charter and establish the Enterprise TLMC Corporate Board. Exercise authority, including promulgating policy, and support the identification of resource requirements

consistent with the "supporting" and "supported" TLMC roles and responsibilities as listed in enclosure (2).

(c) Participate in the implementation and execution of program level TLMC for all fielded weapon systems and equipment. Ensure integration of enterprise level requirements/considerations into the Joint Capabilities Integration and Development System; Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities (DOTMLPF); DOTMLPF Working Group; Requirements Transition; System Acquisition, and Planning, Programming, Budgeting and Execution System processes, (e.g. incorporate Enterprise initiatives in the Capabilities Documents.

(d) Serve as the functional area manager for all in-service logistics automated information technology including the National Security System.

(e) Support MARCORSYSCOM in ensuring base commanders have planned and programmed for necessary facilities in order to support weapon systems and equipment and to allow synchronization of Program Objective Memorandum submissions with MARCORSYSCOM.

(f) Collaborate with stakeholders in assessing impact of new weapon systems or equipment on Military Occupational Specialties (MOS) requirements. Verify appropriateness of assigned tasks for the identified MOS and adequacy of structure.

(g) Serve as the advocate for CBM+, Autonomic Logistics/Prognostics, Performance Based Logistics, Design-in Reliability, Maintainability, and Supportability, Direct Vendor Delivery, logistics footprint, fuel, depot maintenance, logistics operational architecture, automated identification technology planning, as called out in references (d) and (h).

(h) Participate as a member in the logistics assessment process per reference (f).

(i) Participate as a member on Acquisition Coordinating Teams (ACT) established per reference (g), to identify issues, analyze risks and monitor on-going efforts regarding acquisition of major programs.

(j) Provide support to CG MARCORSYSCOM in assessing and evaluating methods to minimize environmental impacts and costs attributable to hazardous material requirements and hazardous waste generation, in the development, test, production, use, maintenance, and disposal of weapon systems and equipment.

(k) Direct enterprise level readiness analysis and assessments.

(l) Serve as chair of the decision making body in the Depot Level Source of Repair process.

(m) Coordinate with MARCORSYSCOM and MARCORLOGCOM to ensure complete coordination on enterprise level TLMC activities to verify program level alignment.

(n) Serve as the principal Marine Corps representative to the Joint Logistics Board.

(o) Serve as the principal Marine Corps representative to the Joint Logistics Group.

(p) Support the ACMC as principal Marine Corps representative to the Defense Logistics Board.

(q) As the CSSE Advocate, represent CSSE community and their equipment needs in the requirements generation through fielding processes.

(r) Ensure logistics support of fielded equipment through integration into enterprise level logistics systems, to include supply and maintenance.

(2) CG MARCORLOGCOM shall:

(a) Plan, integrate, organize, and manage Marine Corps-wide logistics chain for all ground weapon systems, secondary reparable items, and consumable items. This includes end-to-end integration of all activities/elements of logistics chain management.

(b) Execute responsibilities for the performance of DoD materiel maintenance per reference (h).

(c) Maintain and manage depot level maintenance capabilities for ground combat and ground combat support equipment for the Marine Corps.

(d) Execute in-service logistics program management in support of the Maritime Prepositioning Force and Geographic Prepositioned Force programs via Blount Island Command.

(e) Assist DC, I&L in the execution of logistics policy oversight.

(f) Support enterprise level TLM in accordance with reference (b) and enclosure (2).

(g) Support program level TLM in accordance with reference (c) and enclosure (2).

(h) Provide required worldwide logistics support to operating forces.

(i) Provide logistics planning assistance to the operating forces and Headquarters Marine Corps (HQMC).

(j) Participate as a member in the logistics assessment process per reference (f).

(k) Coordinate and educate MARCORLOGCOM and MARCORSYSCOM workforce during internal planning, integration, and reorganization activities to ensure alignment with the Marine Corps Logistics Campaign Plan, and the PM's strategic planning goals and objectives for integrated logistics.

(l) Support enterprise and program level TLM via readiness analysis and assessment.

(m) Participate on the Enterprise TLM Corporate Board.

(n) Serve as Marine Corps principal representative to the Joint Logistics Commanders.

(3) CG MARCORSYSCOM shall:

(a) Enable the readiness of all Marine Corps ground equipment through proactive analysis, synthesis, strategic forecasting, and sound total ownership cost reduction strategies within the Planning, Programming, Budgeting and Execution process.

(b) Exercise authority, responsibility, and accountability for all acquisition programs and weapon systems within its cognizance in accordance with enclosure (4) of reference (a), reporting directly to ASN(RDA) for such programs.

(c) Perform all tasks assigned in references (a) and (d) through (h).

(d) Exercise program level TLMC authority for all Marine Corps ground weapon systems, equipment, and information technology including the National Security Systems, with the exception of Naval aviation programs and that authority and responsibility specifically assigned to a program executive office or a direct reporting program manager (DRPM). Exercise authority consistent with the "supporting" and "supported" TLMC roles and responsibilities as listed in enclosure (2).

(e) Serve as MDA for Acquisition Category III and IV programs and Abbreviated Acquisition Programs as delineated in reference (e).

(f) Maintain an operating agreement with the DRPM, Expeditionary Fighting Vehicle that specifies the level of support to be provided to the DRPM.

(g) Serve as proponent for acquisition MOS 9957/8/9 and Defense Acquisition Workforce Improvement Act certification.

(h) Assist DC, I&L in the execution of logistics policy oversight.

(i) Support enterprise level TLMC in accordance with reference (d) and as identified in enclosure (2).

(j) Provide required logistics support to operating forces.

(k) Provide logistics planning assistance to the operating forces and HQMC.

(l) Coordinate and educate MARCORSYSCOM and MARCORLOGCOM workforce during internal planning, integration, and reorganization activities to ensure alignment with the Marine Corps Logistics Campaign Plan, MARCORLOGCOM Strategic Plan, and objectives for integrated operational logistics chain managed.

(m) Ensure initial fielding, and distribution planning and execution are coordinated with the Marine Corps end-to-end distribution manager.

(n) Participate on the Enterprise TLMC Corporate Board.

(o) Execute reference (d) and (h) CBM+ through planning, budgeting, and setting goals for sustainment of equipment.

(p) Serve as head of contracting activity for those contracts awarded and administered by the Marine Corps Systems Command.

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(4) Other elements shall exercise roles and responsibilities regarding TLM as delineated in enclosure (2).

(5) Advocates shall participate in depot level maintenance planning and provide support for depot level maintenance decisions.

5. Command and Signal

a. Command. This Order is applicable to U.S. Marine Corps, HQMC, Marine Operating Forces, Marine Corps Combat Development Command, MARCORLOGCOM, MARCORSYSCOM, and subordinate Commands.

b. Signal. This Order is effective on the date signed.



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DEFINITIONS

1. Enterprise Level Total Life Cycle Management (TLCM). Enterprise Level TLCM is the formal process to identify, analyze, and implement synergistic "cradle to grave" solutions that optimize the acquisition/logistics chain across the Marine Corps in support of the Operating Forces. The following items impact the entire Marine Corps and require an enterprise view:

- o Autonomic Logistics/Prognostics
- o Performance Based Logistics
- o Design-in Reliability, Maintainability, and Supportability
- o Direct Vendor Delivery
- o Logistics Footprint
- o Fuel Efficiency
- o Depot Maintenance
- o Condition-Based Maintenance Technology
- o Logistics Operational Architecture
- o Automated Identification Technology

2. In-Service Support. Management and technical support provided between delivery to operational forces and final disposition for ground equipment, information technology including the National Security System (relating to or embedded in ground weapon systems) and ground weapon systems. This includes maintenance, test and evaluation, and all aspects of integrated logistics support.

3. Information Technology. The term "information technology," with respect to an executive agency means any equipment or interconnected system or subsystem of equipment, that is used in the automatic acquisition storage, manipulation, management, movement, control, display, switching, interchange, transmission or reception of data or information by the executive agency. This equipment can be used by the executive agency directly or used by a contractor with the executive agency who requires the use of such equipment. The term "information technology" includes computers, ancillary equipment, software, firmware and similar procedures, services (including support services), and related resources. "Information technology" does not include any equipment that is acquired by a Federal contractor incidental to a Federal contract.

4. Integrated Logistics Support. Integrated logistics support is an inherent part of the system engineering process. It includes efforts to design, introduce, and sustain materiel systems. ILS is a unified and iterative approach to the management and technical activities needed to influence operational and materiel requirements, system specifications, and ultimate design or selection (in the case of commercial and NDI) and define the support requirements best related to system design.

5. Logistics Chain. Logistics chain consists of the integration and operation of a continuous, unbroken, comprehensive, and all-inclusive logistics process. Logistics chain has also been referred to as end-to-end distribution and supply chain management. This support specifically includes:

- o Supply
- o Maintenance Planning

- o Manpower/Personnel
- o Support Equipment
- o Technical Data
- o Training and Training Support
- o Computer Resources Support
- o Facilities
- o Design Interface
- o Distribution
- o Transportation
- o Disposal

6. Marine Corps Logistics Base. Subordinate element to MARCORLOGCOM. Function of the Logistics Base is to provide a broad level of logistics support to Marine Corps Activities and the operating forces. The Marine Corps Logistics Command is comprised of three major components-- MCLB, Albany, Georgia; MCLB, Barstow, California; and Blount Island Command, Jacksonville, Florida. Generally speaking, MCLB, Albany furnishes supplies for Marine Corps forces east of the Mississippi and to forces which are part of the Atlantic Fleet. MCLB, Barstow supports Marine forces west of the Mississippi, the Far East and Asia, while Blount Island Command provides logistical support for the Marine Corps' Maritime Prepositioning Ships and the Norway Geo-Prepositioning Programs.

7. Marine Corps Logistics Campaign Plan. The overarching plan for Marine Corps logistics, Combat Service Support Element (CSSE), and Supporting Establishment (SE). The CSSE Advocate and the CSSE Advocacy Board champion the plan. It sets forth the goals, objectives, and tasks that the Marine Corps logistics community will pursue over a six-year period. It is a living document that evolves with the current and future Marine Corps concepts, doctrine, and requirements.

8. Marine Corps Maintenance Center. Returns unserviceable equipment to serviceable condition; performs maintenance through depot level by repair, overhaul, or rebuild; accomplishes such modification, fabrication, and assembly as directed; performs engineering and technical services and develops maintenance rebuild/Inspect and Repair Only As Necessary (IROAN) standards.

9. National Security System. The term "National Security System" means any telecommunications or information system operated by the United States Government, the function, operation, or use of which (a) involves intelligence activities; (b) involves cryptologic activities related to national security; (c) involves command and control of military forces; (d) involves equipment that is an integral part of a weapon or weapons system; or (e) is critical to the direct fulfillment of military or intelligence missions.

10. Performance Based Logistics (PBL). PBL is an optimum mix of public/private product support to the operational forces. PBL has been mandated as the preferred logistics support for new and legacy systems. OSD policy/guidance document and Defense Acquisition University identifies contractor logistics support as a one of many possible PBL scenarios. Addresses a very broad range of possible enterprise and program level product support strategies.

11. Program Level Total Life Cycle Management (TLCM). Program Level TLCM involves those activities that occur during, and as part of, the acquisition process starting at program initiation, through in-service support, until final disposal (cradle to grave). Program Level TLCM differs from Enterprise Level TLCM in that program level relates to TLCM of individual weapon systems and enterprise level relates to solutions across the entire Marine Corps. Program Level TLCM includes Total Life Cycle Systems Management as defined in reference (d) and includes:

- o Acquisition Program (engineering/design, development, and follow-on production)
- o In-Service Support
- o Final Disposal (e.g. disposal and excess property)

12. Total Asset Visibility (TAV). TAV transcends the limited usefulness of In-Transit Visibility (ITV). ITV theoretically will only allow you to "see" a requisition move through the logistics system whereas TAV will give you the ability to "see" where your requisition can be sourced from, how many are available, etc. Many more uses to the entire enterprise are available with TAV vice ITV.

| Total Life Cycle Management (TLCM) Roles and Responsibilities Matrix | | | | | | | | | | | | | |
|--|---|--------------------------------------|--------|--------|-----------------|-------------|--------------|------|-----|-----|------------------|---------|--|
| | TASK/FUNCTION | I&L | LOGCOM | SYSCOM | MCCDC | OUSD (AT&L) | ASN (RDA) | PP&O | AVN | P&R | M&RA | MARFORS | REFERENCE(S) DESCRIPTION |
| 1 | Service Logistics | Service Lead | | | | | | | | | | | 4000 series directives |
| | Policy | SPD | SPG | SPG | | | | | | | | | New MCO 4000.XX - Overarching Marine Corps wide policy that reflects the Marine Corps standards on logistics. Often requires compliance with higher order (DoD/SECNAV) directives and coordination with other services. Policy will be drafted either by I&L, or by I&L in conjunction with supporting organizations. Responsible for enterprise level logistics processes used by the operating forces and organizations. |
| | Concepts (EMW Logistics/Sea Based Logistics) | SPG | SPG | SPG | SPD | | | SPG | SPG | SPG | | SPG | Overarching Marine Corps wide logistics TLCM initiatives and business practices in support of Marine Corps concepts such as Expeditionary Maneuver Warfare, Operational Maneuver from the Sea, or Seabasing. Must support processes found in MCO 3900.15A (Expeditionary Force Development System - EFDS) |
| 2 | USMC Contracting | Service Lead | | | | | | | | | | | |
| | Policy | SPD | | SPG | | | | | | | | | Two HCAs: DC I&L and CG, MCSC |
| 3 | Acquisition (Ground Weapons, Systems, Equipment, Munitions and Automated Information Systems) | | | | | | Service Lead | | | | | | DoD/SECNAV 5000 Acquisition directives series |
| | Advocates | CSSE & Supporting Establishment (SE) | | | Command Element | | | GCE | ACE | | Manpower Systems | | Advocacy provides a forum for Marine Corps stake-holders to refine/validate materiel requirements that will be procured via the acquisition system. It implies continuous close-coordination to ensure that if requirements evolve, the associated acquisition program will also evolve to meet them. Please note, C4 & I Advocacy role is primarily worked via the CEAB under MCCDC leadership and also as an advisor to the other Advocates via OAGs. |
| | Acquisition Policy | SPG | SPG | SPG | | SPD | SPD | | | | | | Acquisition policy dictates the management principles applicable to all acquisition programs and describes the operating procedures and approach for managing those programs. This function involves establishing acquisition policy for the Marine Corps. The DoD/SECNAV 5000 series of directives precludes the Marine Corps from supplementing the higher-level acquisition policy. Marine Corps acquisition policy is contained in SECNAV 5000 series. The ASN (RDA) is responsible for acquisition policy for the DON. MARCORSYSCOM, as the Marine Corps designated acquisition organization, assists the ASN (RDA) in establishing DON acquisition policy. |
| | Performance Based Logistics | SPG | SPG | SPD | | | | | | | | | OSD has mandated PBL to determine optimum mix of public/private product support. I&L is responsible for PBL policy and I&L and LOGCOM are responsible for supporting the Program Manager in executing business case analysis and establishing agreements. |

| Total Life Cycle Management (TLCM) Roles and Responsibilities Matrix | | | | | | | | | | | | |
|--|-----|--------|---------|-------------------------|-------------|-----------|----------------|-----|-----|-----|---------|---|
| TASK/FUNCTION | I&L | LOGCOM | SYSYCOM | MCCDC | OUSD (AT&L) | ASN (RDA) | PP&O | AVN | P&R | M&A | MARFORs | REFERENCE(S) DESCRIPTION |
| Condition Based Maintenance | SPG | SPG | SPD | | | | | | | | | I&L is responsible for CBM policy and I&L and LOGCOM are responsible for supporting the Program Manager through his execution of planning, budgeting and setting goals for sustainment of equipment. |
| Procedures | SPG | SPG | SPD | SPG (EFDC, TECOM, MCWL) | | | SPG (PS-AT/FP) | SPG | | | | Acquisition procedures delineate how the Marine Corps will implement the DoD and SECNAV 5000 series of directives. The 5000 series and statute(s) layout the rules for developing and implementing acquisition policies and procedures. The acquisition "chain of command" extends from the ASN(RDA) directly to COMMARCOVSYSYCOM. Thus the MARCOVSYSYCOM is responsible for Marine Corps acquisition procedures. |
| Program Management | | SPG | SPD | | | | | | | | | Directly responsible for executing acquisition and TLCM of all USMC ground programs. Participatory in all joint programs with USMC interests. |
| Milestone Decision Authority | SPG | SPG | SPD | SPG | SPD | SPD | SPG | SPG | SPG | | SPG | SYSYCOM = ACAT III, IV, & AAP; OUSD(AT&L) = ACAT I; ASN (RDA) = ACAT IG, II |
| Logistics Policy Oversight | SPD | SPG | SPG | | | | | | | | SPG | Links to planning for and execution of In-Service Support of Logistics Policy responsibilities (e.g., distribution, supply, storage, & maintenance). |
| Program TLCM | SPG | SPG | SPD | SPG | | | SPG | SPG | SPG | | SPG | Close teaming effort with MARCORLOGCOM fostered through multiple IPT processes & MOAs. |
| 4 Readiness (Ground Materiel) | | | | | | | Service Lead | | | | SPD | 3000 series directives - The purpose of Marine Corps Automated Readiness Evaluation System (MARES) is to provide a metric tool for war fighting Commanders, the Marine Corps and DoD to assess the combat readiness of American fighting forces. |
| Data Collection | SPG | SPG | SPG | SPG | | | SPD | | | | SPG | Capture ground equipment status (deadlines), equipment failures, corrective and preventive maintenance requirements, and other equipment related data. Specifically, readiness reporting to PP&O for SORTS and LM2 reports. |
| Materiel Readiness Policy | SPD | SPG | SPG | SPG | | | SPG | SPG | SPG | | SPG | Update MCO 3000.11C policy regarding which items of equipment should be considered MCBul 3000 items and what parameters should be used for readiness reporting. |
| Enterprise Level | SPD | SPG | SPG | | | | | | | | SPG | Receipt of data which is translated through analysis into decisionable / actionable Courses of Action for enterprise level portfolio management and to improve readiness levels for in-service support of Marine Corps materiel capabilities. |
| Program Level | SPG | SPG | SPD | | | | | | | | | Receipt of readiness data which is translated through analysis by the Product Support Team into Courses of Action for individual PWs to improve / maintain readiness levels for in-service support of their fielded system. |
| Procedures | | | | | | | | | | | | Current procedures & processes for readiness reporting were developed by LMI for OSD and adopted in the USMC. The readiness reporting system depends on MIMS data for SORTS. Future reporting systems will satisfy OSD requirements while allowing USMC Enterprise Level trade-off assessments. |
| Enterprise Level | | SPG | SPG | | | | | | | | | MCO 4400.193 identified Enterprise level readiness products, reporting frequency, and expectations. |

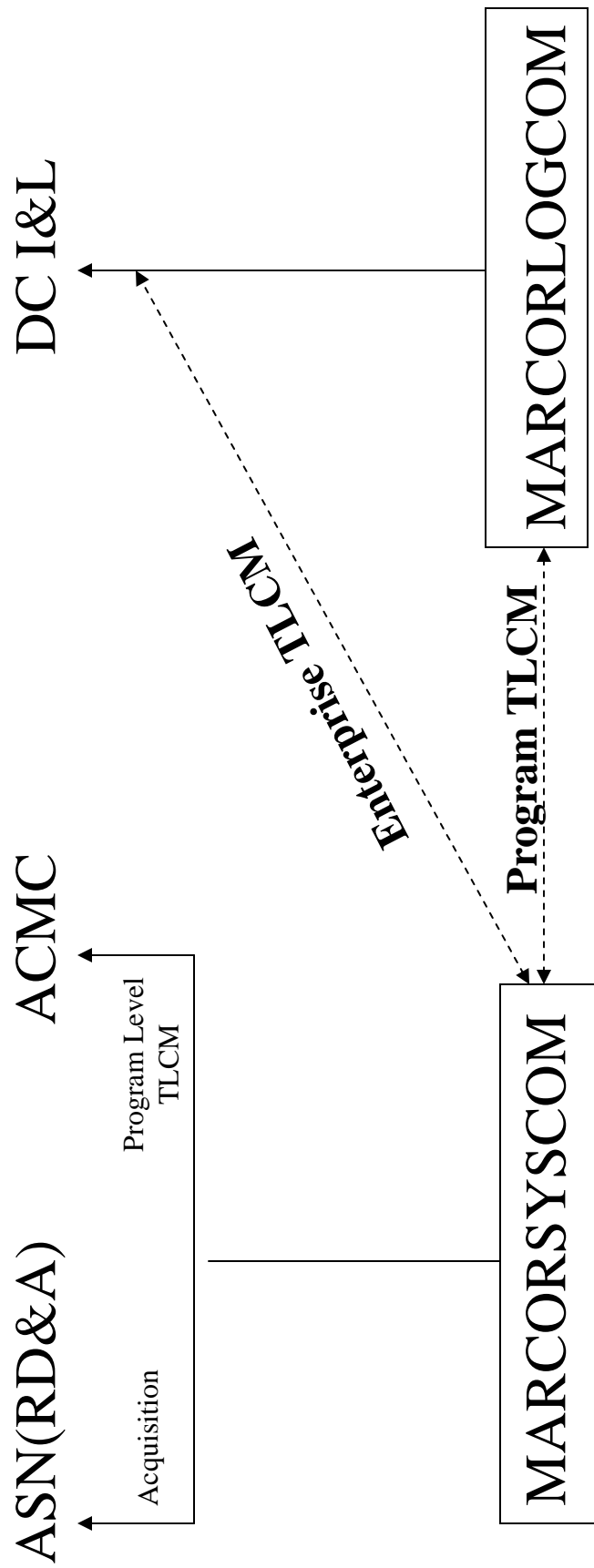
| Total Life Cycle Management (TLCM) Roles and Responsibilities Matrix | | | | | | | | | | | | | |
|--|--|---------------|--------|--------|-------------|-----------|---------|---------|-----|------------------|---------|--|--|
| TASK/FUNCTION | I&L | LOGCOM | SYSKOM | MCCDC | OUSD (AT&L) | ASN (RDA) | PP&O | AVN | P&R | M&A | MARFORS | REFERENCE(S) DESCRIPTION | |
| Program Level | SPD | SPG | SPG | | | | | | | | | DC, I&L translates the policy into reporting procedures which are executed via MARCORSYSKOM and MARCORLOGCOM. | |
| External Working Groups | SPD | SPG | SPG | SPG | | | SPG | SPG | SPG | SPG | SPG | Participate within working groups that are external to the Marine Corps and subsequently have policy type implications to the Marine Corps. Examples of working groups are DoD, Congress, and DON. Also, participate in working groups that align policy. | |
| Analysis | | | | | | | | | | | | Analyze readiness, determine causative factors, and make calculated corrections to improve readiness. This event generally occurs within the current FY. | |
| Enterprise Level | SPD | SPG | SPG | SPG | | | | | | | SPG | DC, I&L prescribes specific Enterprise Level analytic products to be produced on a recurring and on-call basis. MARCORSYSKOM will be primarily responsible to perform the specified analyses. | |
| Program Level | SPG | SPG | SPD | SPG | | | | | | | SPG | Provided by MARCORSYSKOM PST in order to orchestrate Quarterly Readiness Reviews, but most importantly, to ensure PMs are responsive to immediate readiness issues of the Operating Forces. | |
| 5 | PPBE for Ground Weapons, Systems, Equipment, Munitions and Automated Information Systems | | | | | | | | | | | DODD 7045.14 Planning, Programming, Budgeting and Execution (PPBE) System | |
| | TLCM PEG | SPD | SPG | SPG | | | | | SPG | | | Champions TLCM PMC and O&M funding in the POM. | |
| | Advocates | For CSSE & SE | | For SE | | | For GCE | For ACE | | Manpower Systems | | | |
| | Program TLCM | SPG | SPG | SPG | | | SPG | SPG | | SPG | | Initiative preparation for developing/approved requirements. | |
| | Acquisition (Program Level) | SPG | SPD | SPD | | | | | | | | Provides the Life Cycle Support of Fielded Systems. MARCORSYSKOM via MEF LNOs will coordinate/solicit reinforcing data to support life-cycle sustainment funding requirements during POM deliberations. Total Ownership Costs (TOC) analyses are conducted prior to Milestone B and utilize those Acquisition & Sustainment elements that capture TLCM costs. (MARCORLOGCOM plays a vital supporting role in sustaining assets during all phases.) | |
| | Sustainment (Field Level) | SPG | SPG | SPD | | | | | | | | | |
| | Depot Maintenance | SPG | SPD | SPG | | | | | | | | A link will be developed between Initial Program, O&M, and Navy Working Capital Fund costs. Some of the key elements are Supply Maintenance Activity Group (SMAG) and Depot Maintenance Activity Group (DMAG) accounts. | |

| Total Life Cycle Management (TLCM) Roles and Responsibilities Matrix | | | | | | | | | | | | | |
|--|---|--------------|--------------|--------|-------|-------------|-----------|------|-----|-----|------|---------|---|
| | | | | | | | | | | | | | |
| | TASK/FUNCTION | I&L | LOGCOM | SYSKOM | MCCDC | OUSD (AT&L) | ASN (RDA) | PP&O | AVN | P&R | M&RA | MARFORs | REFERENCE(S) DESCRIPTION |
| 6 | Maintenance (Organizational & Intermediate) | Service Lead | | | | | | | | | | | 4700 series directives - Organizational maintenance is performed by the using unit and includes inspecting/servicing and preventive maintenance. Intermediate maintenance is performed by designated activities in direct support of using units and includes calibration and repair/replacement of damaged or unserviceable parts, and technical assistance, support through a secondary repairable issue point, and/or contact team support to using organizations. |
| | Policy | SPD | SPG | SPG | SPG | | | SPG | SPG | | | | Establish policy for Marine Corps ground equipment maintenance management. Articulates basic maintenance policy that is directive to units that maintain equipment. |
| | Procedures | SPD | SPG | SPG | SPG | | | | | | | | Publish procedures for management of Marine Corps ground equipment maintenance. Focuses on duties of Maintenance Management Officers and others engaged in field maintenance. For example, maintenance procedures and modernization. |
| | Maintenance Concept Analysis & ILS Plans | | | | | | | | | | | | |
| | Enterprise Level | SPD | SPG | SPG | SPG | | | | | | | SPG | Ensure synergy between individual maintenance concepts ISO overarching MAGTF operational effectiveness and modernization. |
| | Program Level | SPG | SPG | SPD | SPG | | | | | | | SPG | Perform analyses to develop program maintenance concepts, including identification of logistics efforts – training, Test Measurement, and Diagnostic Equipment (TMDE), and supply support. Budgets for and implements concepts through contracts, publications of plans, and government to government tasking. |
| 7 | Depot Maintenance | | Service Lead | | | | | | | | | | 4000 Series directives - The purpose of the Depot Maintenance Program is to: identify depot maintenance equipment requirements; ensure a ready and controlled source of mission capable equipment is available to the warfighter; and maintain the minimum infrastructure necessary to ensure future Marine Corps needs are addressed for the sustainment, reconstitution and regeneration of the warfighter. |
| | Policy | SPD | SPG | SPG | | | | | | | | | Maintain MCO 4790.19 to reflect current policy and act as the Depot Maintenance Program Advocate for the Marine Corps. DC, I&L will ensure that requirements and interests are represented and voiced and update policy regarding the depot maintenance program to reflect current DoD directives and supporting organizational roles and responsibilities (MCO 4790.19 applies). MCO 4000.56 defines the Marine Corps Policy on Depot Maintenance CORE Capabilities. Ensure synergy between individual maintenance concepts ISO overarching MAGTF operational effectiveness and modernization. |
| | Procedures | SPG | SPD | SPG | | | | | | | | | Document the procedures associated with the Depot Level Maintenance Program (DLMP) Requirements Determination Process. |

| Total Life Cycle Management (TLCM) Roles and Responsibilities Matrix | | | | | | | | | | | | |
|--|--|---------------------|----------|-------|-------------|---------------------|------|-----|-----|------|---------|---|
| TASK/FUNCTION | I&L | LOGCOM | SYSYSCOM | MCCDC | OUSD (AT&L) | ASN (RDA) | PP&O | AVN | P&R | M&RA | MARFORS | REFERENCE(S) DESCRIPTION |
| Requirements Determination | SPG | SPD | SPG | | | | SPG | | | | SPG | MARCORLOGCOM hosts the DUMP conference in support of the POM, Budget and PM's TLCM plans to determine depot requirements. MARFORS will identify and defend their requirements. PP&O assigns/adjudicates warfighting values. |
| 8 | CLS | Service Lead | | | | | | | | | | Contractor Logistics Support (CLS) is support provided by other than DoD sources. |
| | Policy | SPD | SPG | SPG | | | | | | | SPG | MCO 4200.33 establishes the policy and guidance for the consideration, selection and use of CLS for Marine Corps ground equipment, ground weapons systems, munitions, and information systems. |
| | Procedures | SPG | SPD | | | | | | | | SPG | Responsible for the procedures to ensure compliance with policy for selecting the optimum method of support. Provide implementing instructions in support of MCO 4200.33. |
| | Execution | SPG | SPD | | | | | | | | SPG | CLS execution will retain flexibility to respond to emerging Enterprise TLCM and joint operational requirements while maintaining a core expeditionary focus. |
| 9 | Supply Chain Management | Service Lead | | | | | | | | | | SCM is the management of material support and distribution of ground equipment, information systems, and weapon systems. It includes the consumer level, retail level, and wholesale level of supply support, as well as storage, distribution, and disposal. |
| | Policy | SPD | SPG | | | | | | | | | MCO P4400.150 |
| | Procedures | SPG | SPD | SPG | | | | | | | SPG | Provide the integration of retail, wholesale, storage, materiel distribution, inventory management, and disposal actions across the Marine Corps. Refinement of the supported / supporting relationship for TLCM and Supply Chain Management Center needs to continue via an expanded Post Production Support IPT. Collaborative effort. |
| 10 | Contracting (Acquisition) | | | | | Service Lead | | | | | | Primarily concerns the Head Contracting Authority (HCA) relationships between HQMC and MARCORSYSCOM (Purchasing (MCO P4200.15G), Procurement Management Review (PMR) (MCO 4200.30A), Unsolicited Proposals (MCO 4200.31), and Justification and Approval (J&A) (MCO 4200.32)). HCA for Acquisition Procurements is delegated to MARCORSYSCOM. |
| | Policy | SPG | SPG | | | SPD | | | | | | As designated HCA for Acquisition, MARCORSYSCOM exercises responsibility for research, development, acquisition, and TLCM support for Programs. |
| 11 | Logistics Planning (Strategic, Operational, & Tactical Support) | Service Lead | | | | | | | | | | The process needed to arrange logistics support and resolve logistics concerns requires continuous integration of present and future logistic considerations into the joint operation planning process. |

| Total Life Cycle Management (TLCM) Roles and Responsibilities Matrix | | | | | | | | | | | | | |
|--|-----|--------|-------------------|-------|-------------|-----------|------|-----|-----|------|---------|--|--|
| TASK/FUNCTION | I&L | LOGCOM | SYSKOM | MCCDC | OUSD (AT&L) | ASN (RDA) | PP&O | AVN | P&R | M&RA | MARFORS | REFERENCE(S) DESCRIPTION | |
| Enterprise TLCM | SPD | SPG | SPG | SPG | | | | | | | SPG | Provides the broad guidance necessary to implement the Enterprise TLCM Portfolio, as well as war reserve and logistics management of the prepositioning programs. | |
| Program TLCM | SPG | SPG | SPD | SPG | | | | | | | SPG | Conducts detailed planning to implement TLCM policies throughout the life-cycle of an individual program. | |
| War Reserve | SPG | SPD | SPD (Ground Ammo) | | | | | | | | SPG | DoD policy requires WRM to be acquired in peacetime sufficient to attain initial support for operational objectives. To reduce reaction time and to sustain forces, inventories shall be flexible to respond to a spectrum of regional contingencies, while minimizing investment in resources. WRM consists of several functions - requirements determination, procurement, stowage, management, and sourcing for contingency support. In the future, the War Reserve planning function will be expanded to incorporate the TPDFDs associated with existing OPLANs/emergent COMPLANS and the requisite TLCM planning. | |
| Prepositioning Equipment (MPS/NALMEB) | SPD | SPG | SPG | SPG | | | SPG | | | | | The pre-positioning of MPF equipment falls under the cognizance of DC, PP&O. The sponsorship of MPF Program resides with DC, PP&O while the management of logistics support is DC, I&L. TLCM of individual Marine Corps PEIs in prepositioned stocks is a responsibility of MARCORSYSCOM. | |
| 12 Logistics TLCM Workforce | | | | | | | | | | | | Marine Corps Logistics TLCM workforce, comprised of Acquisition Logisticians and Sustainment Logisticians, will be blended to ensure a viable career profile is created. This effort applies to both military and civilian personnel, but will require different career developmental tracks. To this end, the Marine Corps & Navy civilian career management will be consolidated under a single DON career path. A portion of the Sustainment Logisticians will require Defense Acquisition Workforce Improvement Act (DAWIA) certification. | |
| Military Personnel | SPD | SPG | SPD | | | | | | | | | At present, both DC, I&L and MARCORSYSCOM partner in this effort. | |
| Civilian Personnel | SPD | SPG | SPD | | | | | | | | | At present, both DC, I&L and MARCORSYSCOM partner in this effort. | |

Command Relationship Hierarchy



MCO 4000.57
16 Sep 05